PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND DEMARK OFFICE	Application Number	09/478,114
		Filing Date	01/04/2000
LIST OF PRIOR ART CITED BY APPLICANT		First Named Inventor	Joseph Norris
		Group Art Unit	2747 2644 SOOD W
		Examiner Name	LEE MAY 0 2 2000 E
	Sheet 1 of 1	Attorney Docket Number	T4855.CH2

U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT INITIALS NUMBER DATE NAME **CLASS** SUBCLASE: AΑ 5,357,578 10/18/94 TANIISHI ΑB 4,593,160 06/03/86 NAKAMURA AC 5,287,331 02/15/94 SHINDEL ΑD 5,153,859 10/06/92 **CHATIGNY** ΑE 4,672,591 06/09/87 **BREIMESSER** ΑF 4,558,184 12/10/85 **BUSCH-VISHNIAC** AG 4,439,642 03/27/84 REYNARD AΗ 4,429,193 01/31/84 **BUSCH-VISHNIAC** ΑI HOSSACK ET AL 4,887,246 12/12/89 ΑJ 4,888,086 12/19/89 HOSSACK ET AL ΑK 4,695,986 09/22/87 HOSSACK 4,284,921 AL 08/18/81 LEMONON ET AL AM 4,064,375 12/20/77 RUSSELL ET AL AN 5,700,359 12/23/97 **BAUER** FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION NUMBER DATE COUNTRY **CLASS SUBCLASS** YES NO OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc. ΑO Aoki, K., et al., "Parametric Loudspeaker -- Characteristics of Acoustic Field and Suitable Modulation of Carrier Ultrasound," Electronics and Communications in Japan, Part 3, Vol. 74, No. 9, pp. 76-82 (1991). Makarov, S.N., et al., "Parametric Acoustic Nondirectional Radiator," Acustica. Vol. 77, pp. 240-242 (1992). AP Westervelt, P.J., "Parametric Acoustic Array, "The Journal of the Acoustical Society of America," Vol. 35, No. 4, pp. 535-AQ 537 (1963). Yoneyama, M., et al., "The Audio Spotlight: An Application of Nonlinear Interaction of Sound Waves to a New Type of Loudspeaker Design, 1. Acoust. Soc. Am., Vol. 75, No. 5, pp. 1532-1536 (1983). **EXAMINER DATE CONSIDERED** 4/05

•EXAMINER: (Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.